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(54) Trouble-shooting system for telephone system

A trouble-shooting mechanism is incorporated into a telephone service technician's portable computer unit, to enable a craftsperson, to respond to a trouble ticket. By analyzing multiple sources of information, including user inputs from the craftsperson, parametric data embedded in the trouble ticket, test data obtained through the execution of local tests, and remote test data, the trouble-shooting mechanism derives and suggests a problem solving strategy that is appears accurate. The system architecture includes a trouble-shooting application engine, and an associated set of databases, one of which is a knowledge database, and the other of which is a shared, parameter database. The knowledge database contains rules and static parameters which define the characteristics and behavior of the application engine. These rule sets and information are telephone line trouble-shooting specific.

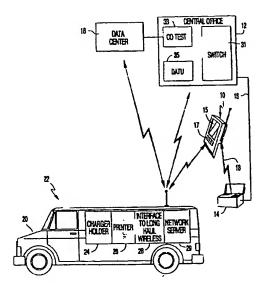


FIG. 1



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EP 95 30 8134

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This arms lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are morely given for the purpose of information.

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